

Madinah Specialist Medical Laboratory

Acc. No.	: LR-2026-00280	Patient ID	: 2254287192
Branch	: Jeddah	Gender/Age	: Male 49 Y
Patient Name	: EMAD AHMED	Visit Date	: 06/06/2026 02:43 PM
Patient Number	: MRN-000013	Result Date	: 06/06/2026 03:00 AM

HISTOPATHOLOGY UNIT

Histopathology Report — Histopathology Large sample

DIAGNOSIS

COLON POLYP; POLYPECTOMY:

TUBULOVILLOUS ADENOMA WITH FOCAL HIGH-GRADE DYSPLASIA.

NO INVASIVE CARCINOMA IDENTIFIED.

RESECTION MARGIN NEGATIVE FOR DYSPLASIA.

MICROSCOPIC DESCRIPTION

Section shows polypoid colonic mucosa with glandular proliferation exhibiting tubular and villous architecture. The glands are lined by dysplastic columnar epithelium showing nuclear stratification, hyperchromasia, and goblet cell depletion, consistent predominantly with low-grade dysplasia. Focally, the glands show marked cytologic atypia with enlarged pleomorphic hyperchromatic nuclei, loss of nuclear polarity, prominent nucleoli, and increased mitotic activity, consistent with high-grade dysplasia. Focal epithelial misplacement surrounded by hemorrhage and inflammatory cells is identified. No desmoplastic reaction is seen. No invasive carcinoma or stalk invasion is identified. The examined resection margin is negative for dysplasia.

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SEMEN EXAMINATION UNIT

Test	Result	Unit	Ref. Range
Collection Info			
Collection Location	inside lab		
Collection Method	masturbation		
Abstinence	3.0	Day	2 - 7 days
Semen Description			
Viscosity	Normal		Normal
PH value :	8.0	ph	7.2 - 8
Odor	nomal		Normal
Liquefaction Time	25.0	min	Less than 30 min
Liquefaction State	Normal		Normal
SPERM MORPHOLOGY STUDY			
Normal Sperm :	15.0	%	up to 4% accepted
Abnormal Sperm :	85.0	%	up to 96 %
Vitality	45.0	%	> 58
Pinheads	6.0	million/mL	
<i>**Pinhead sperms are not counted as spermatozoa or head defects because they possess no chromatin or head structure anterior to the basal plate</i>			
CONCENTRATION & MOTILITY ANALYSIS			
Total motility PR+NP :	25.0	%	>=40%
Progressive motility PR (A) :	10.0	%	>= 32%
Progressive motility PR (A) :	10.0	%	>= 32%
Non progressive NP (B) :	15.0	%	>=40%
Sluggish motility (C) :	20.0	%	
Immotile IM :	55.0	%	less than 50 %
Concentration /ml	20.0	million/mL	>= 15 million /ml

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SEMEN EXAMINATION UNIT

Total Sperm : **60.0** million/mL

***progressive motility PR : spermatozoa moving activity, either linearly or in a large circle, regardless of speed.*

***Non progressive NP : all other patterns of motility with an absence of progression.*

***Immotile IM : no movement*

Cells other than sperms Exam

White Blood Cells	0 -1	H.P.F	< 5 / HPF
Red Blood Cells	0 - 1	H.P.F	< 5 / HPF
Spermatogenic Cells	variable		Variable
Epithelial Cells :	Absent		Absent
Others	nil		

Agglutination & Aggregation

Aggregation	Absent	Absent
Agglutination	Absent	Absent

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BIOCHEMISTRY UNIT

Test	Result	Unit	Ref. Range
Creatine	0.85	mg/dL	0.3 - 0.9

Comments

The Semen Exam Failed To Pass The W.H.O Strict Criteria For Count And Motility

Signature

Hacem Hamdy

Stamp

